

PDR RID Report

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Document PDR

RID ID	PDR	396
Review	SDPS	
Originator Ref	COTS Ingest	
Priority	2	

Section

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Figure Table CG-21

Category Name Design-Ingest

Actionee HAIS

Sub Category

Subject Use of COTS in INGST

Description of Problem or Suggestion:

There is COTS software in use in V0 to simplify reformatting of data on VAX to Unix formats. This software might also be useful as part of a native to HDF translation function.

Originator's Recommendation

Evaluate potential of COTS software to reduce cost and schedule risk of the reformatting function of INGST, (and DDIST as well), if reusable for reformatting on distribution.

GSFC Response by:

GSFC Response Date

HAIS Response by: Eisenstein

HAIS Schedule 5/22/95

HAIS R. E. V. Grella

HAIS Response Date 6/30/95

ECS DADS is currently looking at COTS software to perform some ingest functionality such as data reformatting and conversion. An initial assessment of the Version 0 software applicability was performed and summarized in the final version of the V0 Analysis Report for the ECS Project (206-CD-001-002). Approximately 25 different functional areas applicable to the data server and ingest portions of the design were evaluated for potential reuse of hardware, software, design, experience, or processes and procedures. Among the evaluated functions were format conversion routines in use at several of the DAACs. The analysis determined that the software could not be reused directly due to language and format incompatibilities, but much of the experience and knowledge gained from the analysis process has been incorporated into the data server and ingest subsystem designs.

Status Closed

Date Closed 7/11/95

Sponsor Kobler

***** Attachment if any *****